

WET FINE PARTICLE SIZING AND SEPARATING APPARATUS

ABSTRACT

5 A particle sizing and separating apparatus is disclosed. The apparatus includes a base and a frame that is movably connected to the base. A motor assembly is provided to vibrate the frame and at least two screens are connected to the frame. Means also are provided for feeding particles to each screen from two opposing sides of each screen and for evenly distributing the particles onto the screens. A pan is disposed beneath each screen to receive sized particles that pass through the screens and an outlet receives oversize particles that pass over the screens.